

OCEANOGRAPHY MINOR

Minor Requirements and Curriculum

The minor must be completed prior to, or at the same time as, the requirements for the bachelor's degree. A major and a minor may not be taken in the same degree program, and a minor is not required for a degree. Requirements for the minor include:

- At least half of the units must be from upper-division courses (3000-4000 level).
- At least half of the units must be taken at Cal Poly (in residence).
- No more than one-third of the units will be taken with credit-no credit grading (CR/NC), not counting courses with mandatory CR/NC. Departments may further limit CR/NC grading if desired.
- A minimum 2.0 GPA is required in all units counted for completion of the minor.

Code	Title	Units
REQUIRED COURSES		
OCN 1100 or OCN 1110	Marine Biology Marine Ecology	3
OCN 2200	Oceanography I: Geology and Chemistry	3
OCN 2210	Oceanography II: Physics and Biology	3
Select from the following:		1
OCN 1100L	Marine Biology Laboratory	
OCN 1110L	Marine Ecology Laboratory	
OCN 2200L	Introduction to Oceanography Laboratory	
OCN 2210L	Introduction to Oceanography Laboratory II	
Select from the following:		6
OCN 3310 & OCN 3310L	Oceanographic Instruments and Analysis and Oceanographic Instruments and Analysis Laboratory	
OCN 3320	Oceans and Climate	
OCN 3330	Marine Microbial Ecology	
OCN 3340	Chemical Oceanography	
OCN 3350	Physical Oceanography	
OCN 4410	Phycology	
OCN 4420	Marine Biological Invasion	
OCN 4440	Introduction to Ocean Remote Sensing	
Total Units		16